

STEERING SYSTEM FOR VEHICLE WITH FOUR DRIVE WHEELS

ABSTRACT

Steering system for vehicles comprises a frame with a front axle and
5 a rear axle, at least one of these carrying two steered wheels, the
wheels of each axle being driven by a hydraulic motor via a
differential unit, the steered wheels being connected, for steering
control, to a cylinder-piston unit fed by a usual power steering device,
in which at least the hydraulic motor associated with one axle is of
10 variable piston displacement, and is associated with piston
displacement adjustment means governed by the position of the
cylinder of the cylinder-piston unit which controls the steering.